

Form PTO-1449
(Rev. 8-83)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO:
101327-125 (formerly ROE-040C5)APPLICATION NO:
09/201,072

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

APPLICANT(S):
Edward L. SinofskyFILING DATE:
November 30, 1998GROUP ART UNIT:
37349


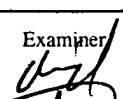
U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE*
<i>dm</i>	AA	1	7	5	1	5	8	4	03/30	Hansell			
<i>dm</i>	AB	3	3	2	7	7	1	2	06/67	Kaufman	128	398	
<i>dm</i>	AC	3	5	3	3	7	0	7	10/70	Weiss			
<i>dm</i>	AD	3	7	6	9	9	6	3	11/73	Goldman et al.	128	2R	
<i>dm</i>	AE	3	8	5	8	5	7	7	01/75	Bass et al.			
<i>dm</i>	AF	3	8	6	5	1	1	3	02/75	Sharon et al.			
<i>dm</i>	AG	3	8	8	4	2	3	6	05/75	Krasnov	128	303.1	
<i>dm</i>	AH	3	9	4	7	7	8	0	03/76	Rice et al.	331	94.5M	
<i>dm</i>	AI	3	9	8	2	5	4	1	09/76	L'Esperance	606	14	
<i>dm</i>	AJ	3	9	8	3	5	1	1	09/76	Fricke	331	94.5P	
<i>dm</i>	AK	4	1	1	0	7	0	2	08/78	Chicklis			
<i>dm</i>	AL	4	1	4	1	3	6	2	02/79	Wurster	128	303.1	
<i>dm</i>	AM	4	1	4	6	0	1	9	03/79	Bass et al.	428	6	
<i>dm</i>	AN	4	1	7	0	9	9	7	10/79	Pinnow et al.			
<i>dm</i>	AO	4	2	0	7	8	7	4	06/80	Choy	128	6	
<i>dm</i>	AP	4	2	3	3	4	9	3	11/80	Nath	219	354	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
<i>dm</i>	BA	2	0	1	7	5	0	6	10/79	United Kingdom				

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	CA	Abela, G. et al., "Effects of Carbon Dioxide, Nd-YAG, and Argon Laser Radiation on Coronary Atheromatous Plaques," <i>The American Journal of Cardiology</i> , vol. 50, no. 6, 1199-1205 (December 1982);
Examiner 		Date Considered: <u>September 22, 2000</u> *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and considered. Include copy of this form with next communication to applicant.

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<i>DM</i>	AQ	4	2	6	6	5	4	8	05/81	Davi	128	303.1	
<i>DM</i>	AR	4	3	0	9	9	9	8	01/82	Aron nee Rosa et al.			
<i>DM</i>	AS	4	3	2	1	5	5	9	03/82	Esterowitz et al.	372	41	
<i>DM</i>	AT	4	3	3	0	7	6	3	05/82	Esterowitz et al.			
<i>DM</i>	AU	4	3	5	0	1	5	0	09/82	Kubota et al.			
<i>DM</i>	AV	4	3	5	5	8	9	3	10/82	Chicklis			
<i>DM</i>	AW	4	3	8	3	7	2	9	05/83	Suzuki et al.	350	96.10	
<i>DM</i>	AX	4	3	8	6	4	2	8	05/83	Baer	350	96.10	
<i>DM</i>	AY	4	4	0	2	3	1	1	09/83	Hattori			
<i>DM</i>	AZ	4	4	1	8	6	8	8	12/83	Loeb	128	6	
<i>DM</i>	AA1	4	4	2	5	5	0	3	01/84	Watkins et al.			
<i>DM</i>	AB1	4	4	4	5	9	1	8	05/84	Modone et al.	65	3.12	
<i>DM</i>	AC1	4	4	4	8	1	8	8	05/84	Loeb			
<i>DM</i>	AD1	4	4	5	4	8	8	2	06/84	Takano	128	395	
<i>DM</i>	AE1	4	4	5	8	6	8	3	07/84	Saito et al.			
<i>DM</i>	AF1	4	4	6	9	0	9	8	09/84	Davi	128	303.1	

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		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
<i>DM</i>	BB	8	3	0	1	3	1	1	04/83	PCT				

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	CB	Anderson, R. and Parrish, J., "Microvasculature Can be Selectively Damaged Using Dye Lasers: A Basic Theory	
		and Experimental Evidence in Human Skin," <i>Lasers in Surgery and Medicine</i> , vol. 1, 263-76 (1981);	
Examiner 		Date Considered: <u>September 22, 2000</u>	
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<i>dm</i>	AG1	4	4	7	0	4	0	7	09/84	Hussein	128	6	
<i>dm</i>	AH1	4	5	0	3	8	5	4	03/85	Jako	128	395	
<i>dm</i>	AI1	4	5	0	4	2	9	7	03/85	Kosinski et al.			
<i>dm</i>	AJ1	4	5	1	5	6	1	2	05/85	Burrus Jr. et al.			
<i>dm</i>	AK1	4	5	1	9	3	9	0	05/85	Horne			
<i>dm</i>	AL1	4	5	3	8	6	0	8	09/85	L'Esperance Jr. et al.	128	303.1	
<i>dm</i>	AM1	4	5	5	6	0	5	7	12/85	Hiruma et al.	128	303.1	
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<i>dm</i>	AQ1	4	5	7	2	1	8	9	02/86	Smith et al.	128	395	
<i>dm</i>	AR1	4	5	7	6	1	7	7	03/86	Webster, Jr.	128	660	
<i>dm</i>	AS1	4	5	8	7	9	7	2	05/86	Morante, Jr.			
<i>dm</i>	AT1	4	5	9	2	3	5	3	06/86	Daikuzono			
<i>dm</i>	AU1	4	6	3	3	8	6	6	01/87	Peyman et al.	606	3	

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		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
<i>dm</i>	BC	8	3	0	1	8	9	3	06/83	PCT				

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

<i>dm</i>	CC	Anderson, R. and Parrish, J., "Selective Photothermolysis: Precise Microsurgery by Selective Absorption of Pulsed Radiation," <i>Science</i> , vol. 220, 524-7 (April 29, 1983);											
<i>dm</i>		Date Considered: <u>September 22, 2000</u>											
Examiner <i>skg</i>		*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and considered. Include copy of this form with next communication to applicant.											

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EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE*
<i>dm</i>	AV1	4	6	4	1	6	5	0	02/87	Mok			PIPE
<i>dm</i>	AW1	4	6	4	1	9	1	2	02/87	Goldenberg			JUL 27 1999
<i>dm</i>	AX1	4	6	4	8	8	9	2	03/87	Kittrell et al.			PATENT & TRADEMARK
<i>dm</i>	AY1	4	6	5	4	0	2	4	03/87	Crittendon et al.			
<i>dm</i>	AZ1	4	6	6	9	4	6	7	06/87	Willett et al.			
<i>dm</i>	AA2	4	6	7	2	9	6	9	06/87	Dew	128	397	
<i>dm</i>	AB2	4	6	8	1	1	0	4	07/87	Edelman			
<i>dm</i>	AC2	4	6	8	5	4	5	8	08/87	Leckrone	128	303.1	
<i>dm</i>	AD2	4	6	8	6	9	7	9	08/87	Gruen et al.	606	3	
<i>dm</i>	AE2	4	7	1	8	4	1	7	01/88	Kittrell et al.			
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<i>dm</i>	AG2	4	7	5	0	4	8	6	06/88	Butler et al.	128	303.1	
<i>dm</i>	AH2	4	7	6	5	3	3	0	08/88	Bach			
<i>dm</i>	AI2	4	7	7	5	3	6	1	10/88	Jacques et al.	604	20	

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		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
<i>dm</i>	BD	2	1	2	5	9	8	6	03/84	United Kingdom				

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	CD	Beckman et al., "Limnectomies, Keratectomies, and Keratostomies Performed with a Rapid-Published Carbon
<i>dm</i>		Dioxide Laser," <i>Am. J. Ophthal.</i> , vol. 71, no. 6, 1277-83 (June 1971);
Examiner <i>shy</i>		Date Considered: <i>September 22, 2000</i>
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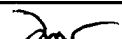


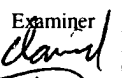


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<i>dm</i>	AJ2	4	7	8	4	1	3	2	11/88	Fox et al.			
<i>dm</i>	AK2	4	7	8	4	1	3	5	11/88	Blum et al.			
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<i>dm</i>	AN2	4	8	1	7	6	0	1	04/89	Roth et al.			
<i>dm</i>	AO2	4	8	1	9	6	3	2	04/89	Davies			
<i>dm</i>	AP2	4	8	3	0	4	6	0	05/89	Goldenberg			
<i>dm</i>	AQ2	4	8	4	8	3	3	6	07/89	Fox et al.			
<i>dm</i>	AR2	4	8	4	8	3	3	9	07/89	Rink et al.			
<i>dm</i>	AS2	4	8	5	0	3	5	1	07/89	Herman et al.	606	7	
<i>dm</i>	AT2	4	8	5	2	5	6	7	08/89	Sinofsky			
<i>dm</i>	AU2	4	8	5	4	3	1	5	08/89	Stack et al.			
<i>dm</i>	AV2	4	8	6	0	7	4	3	08/89	Abela			

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		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
<i>dm</i>	BE	8	4	0	4	8	7	9	12/84	PCT				

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	CE	Deckelbaum, L., et al. "Reduction of Laser-Induced Pathologic Tissue Injury Using Pulsed Energy Delivery," <i>Am.</i>
		<i>J. Cardiol.</i> , vol. 56, no. 10, 662-7 (October 1, 1985);
	CF	Esterowitz, L., "Angioplasty with a Laser and Fiber Optics at 2.9 um," <i>Spie Conference</i> , Los Angeles, CA,
		(January 1986);
Examiner  		Date Considered: 
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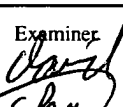
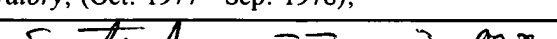
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<i>DM</i>	AW2	4	8	6	2	8	8	6	09/89	Clarke et al.			
<i>DM</i>	AX2	4	8	7	8	4	9	2	11/89	Sinofsky et al.			
<i>DM</i>	AY2	4	9	0	5	6	8	9	03/90	Stack et al.			
<i>DM</i>	AZ2	4	9	1	3	1	4	2	04/90	Kittrell et al.			
<i>DM</i>	AA3	4	9	1	7	0	8	4	04/90	Sinofsky	606	7	
<i>DM</i>	AB3	4	9	2	9	2	4	6	05/90	Sinofsky			
<i>DM</i>	AC3	4	9	5	0	2	6	6	08/90	Sinofsky	606	7	
<i>DM</i>	AD3	4	9	6	7	7	4	5	11/90	Hayes et al.			
<i>DM</i>	AE3	4	9	9	4	0	5	9	02/91	Kosa et al.			
<i>DM</i>	AF3	4	9	9	4	0	6	0	02/91	Rink et al.			

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													YES	NO
<i>DM</i>	BF	0	1	4	4	7	6	4	06/85	EPO				
<i>DM</i>	BG	1	0	7	3	9	1	4	06/85	SU				
<i>DM</i>	BH	0	1	5	2	7	6	6	08/85	EPO				
<i>DM</i>	BI	0	1	5	3	8	4	7	09/85	EPO				
<i>DM</i>	BJ	0	1	7	8	4	6	4	04/86	EPO				
<i>DM</i>	BK	8	6	0	6	6	4	2	11/86	PCT				
<i>DM</i>	BL	0	2	1	4	7	1	2	03/89	EPO				

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	CG	Fraser, A.B. et al., "Pulsed Laser Iridotomy Apparatus," The Johns Hopkins University - <i>Applied Physics</i>
		Laboratory, (Oct. 1977 - Sep. 1978);
Examiner 		
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and considered. Include copy of this form with next communication to applicant.</p>		
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<i>DM</i>	AG3	5	0	3	7	4	2	1	08/91	Boutacoff et al.			
<i>DM</i>	AH3	5	1	4	7	3	5	4	09/92	Boutacoff et al.			
<i>DM</i>	AI3	5	1	9	6	0	0	4	03/93	Sinofsky	606	7	

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													YES	NO

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

<i>DM</i>	CH	Fugii, H. et al., "Fibre Bundle Scanner for Laser Photocoagulation Treatment," <i>Optics & Laser Technology</i> , 39-40 (February 1982);											
<i>DM</i>	CI	Goldman, L. et al., The Biomedical Laser: Technology and Clinical Applications, (1981);											
<i>DM</i>	CJ	Horn et al., "A New "Cool" Lens Capsulotomy Laser," <i>Am. Intraocular Implant Society Journal</i> , vol. 8, 337-42 (Fall 1982);											
<i>DM</i>	CK	Isner, J. et al., "Mechanism of Laser Ablation in an Absorbing Fluid Field," <i>Lasers in Surgery and Medicine</i> , vol. 8, no. 6, 543-54 (1988);											
<i>DM</i>	CL	Kay, D., "The Happy Merger of Fiber Optics and Lasers," Information Retrieval Number 22, News RT 167 <i>Electronic Design</i> , vol. 17, (June 21, 1969);											
<i>DM</i>	CM	Koechner, W., "Solid State Laser Engineering," Springer-Verlag, New York Heidelberg Berlin (1976);											
<i>DM</i>	CN	Lee, G. et al., "Current and Potential Uses of Lasers in the Treatment of Atherosclerotic Disease," <i>Chest</i> , vol. 85, no. 3, 429-34 (March 1984);											
<i>DM</i>	CO	Lee, G. et al., "Limitations, Risks and Complications of Laser Recanalization: A Cautious Approach Warranted," <i>The American Journal of Cardiology</i> , vol. 56, 181-5 (June 1, 1985);											

Examiner

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OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)		
	CP	McGuff, P. et al., "Studies of the Surgical Applications of Laser Light (Light Amplification by Stimulated Emission of Radiation)," <i>Surgical Forum</i> , American College of Surgeons, Chicago, vol. 14 (1963);
	CQ	Motamedi, M. et al., "Interaction of Laser Radiation with Plaque and Vessel Wall," <i>ICALEO</i> , (1984);
	CR	Sa'ar, A. et al., "Transmission of Pulsed Laser Beams Through "Opaque" Liquids by a Cavitation Effect," <i>Appl. Phys. Lett.</i> , vol. 50, no. 22, 1556-8 (1987);
	CS	Sinofsky, E., "Calculated Temperature Distribution in Cylindrical Tissue Volume Under Laser Irradiation Below the Vaporization Threshold," <i>Lasers in Medicine</i> , Proceedings of SPIE, vol. 712, 78 (1987);
	CT	Sinofsky, E., "Comparative Thermal Modeling of Er:YAG, Ho:YAG and CO2 Laser Pulses for Tissue Vaporization, Proceedings for SPIE," <i>The International Society for Optical Engineering, Lasers in Medicine</i> , vol. 712, 188-92 (1986);
	CU	Sinofsky, E. et al., "Measurement of Argon Laserbeam Spreading Through Arterial Plaque," <i>Lasers in the Life Sciences</i> , vol. 1, no. 2, 143-50 (1986);
	CV	Van Leewen, "Noncontact Tissue Ablation by Holmium: YSGG Laser Pulses in Blood," <i>Lasers Surgery Medical</i> , vol. 2, no. 1, 26-34 (1991);
	CW	Ward, H., "Laser Recanalization of Atheromatous Vessels Using Fiber Optics," <i>Lasers in Surgery and Medicine</i> , vol. 4, 353-63 (1984);
	CX	Wolbarsht, M., "Interactions Between Material Processing and Surgery," <i>ICALEO</i> , 4/L.I.A., vol. 32 (1982).
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